

Converting Colors

Android(4293172224)

Have a look what the booklet for
Android(4293172224) contains.

Android(4293172224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4293172224)

Conversions

Conversions Part 1

Format	Color
Hex	E49C00
RGB	228, 156, 0
RGB Percent	89%, 61%, 0%
CMY	0.1059, 0.3882, 1.0000
CMYK	0.00, 0.32, 1.00, 0.11
HSL	41°, 100%, 45%
HSV	41°, 100%, 89%
XYZ	43.8834, 40.2709, 5.4602
YIQ	159.7440, 92.9880, -33.2520

Conversions

Conversions Part 2

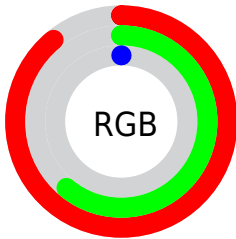
Format	Color
RYB	105, 228, 0
Decimal	14982144
CIELab	69.66, 17.21, 73.94
CIElCh	70, 75.918, 76.894
Yxy	40.2709, 0.4897, 0.4494
Android (android.graphics.Color)	4293172224 (0xFFE49C00)
YUV	159.7440, -78.7538, 59.8605
Hunter-Lab	63.4594, 12.3823, 39.3201

Details

The Android color **4293172224** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4278208740**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4294955596**, and **4289161472** is the 20% darker color. If you saturate the color by 10%, you get **4293172224**, and if you desaturate by 10%, it is **4293174039**.

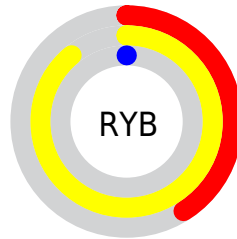
Distribution



Red (89%)

Green (61%)

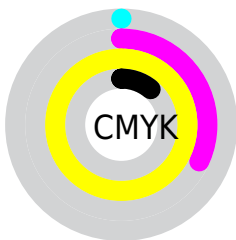
Blue (0%)



Red (41%)

Yellow (89%)

Blue (0%)

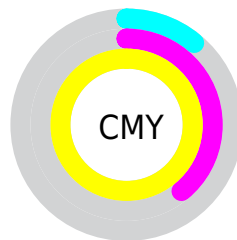


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293172224 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4293172224 by changing the saturation by 10% instead.

 4293172224

 4293172224

4294967295

 4291133952

 4294955596

 4289161472

 4294963049

 4287189248

 4294967173

 4285217280

 4294967201

 4283376640

 4294967229

 4281601792

 4294967258

 4280090625

 4294967288

 4278190080

 4293172224

 4293174039

 4293175854

 4293177924

 4293179739

 4293181554

 4293183369

 4293185184

 4293187254

 4293189069

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294934087



4293172224



4289114880

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4293172224



4278242000



4292773375

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4293172224



4278208740

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4284851711



4293172224



4278241023

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293172224



4278241417



4278238207



4294928587

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293172224



4285775150



4278238207



4290810111

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4293172224



4294961075



4293132360



4286607698



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4293172224



4294946304



4290438144



4285755239



4289952256



4281541376

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4278208740



4278211071



4280942820



4284967795



4278204595



4278194227

Previews

White Background



This preview shows how the Android color 4293172224 looks on a white background.

Color Contrast Check

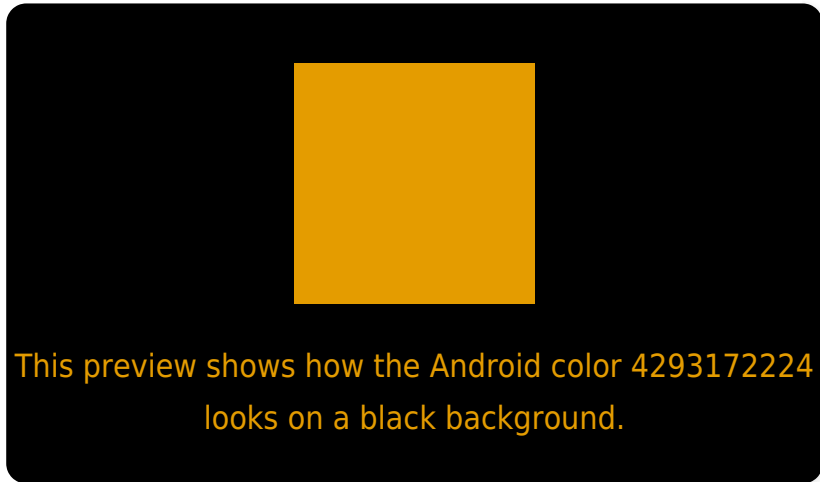
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4293172224 Background



This preview shows how black text looks on a background with the Android color 4293172224.



This preview shows how white text looks on a background with the Android color 4293172224.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
4293172224

Protanopia
4290816783

Deuteranopia
4292387328



Tritanopia
4293628316

Trichromacy



Original Color
4293172224

Protanomaly
4291667466

Deuteranomaly
4292648960

Tritanomaly
4293432675

Monochromacy



Original Color
4293172224

Achromatopsia
4288716960

Achromatomaly
4290355046

CSS Examples

Text

The CSS property to change the color of the text to Android 4293172224 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 156, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 156, 0) }
```

Border

The CSS property to change the border of an element to Android 4293172224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 156, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(228, 156, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(228, 156, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 156,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4293172224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 156, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
156, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor